

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) An electro-optical device, comprising:

a first substrate; substrate having a first side and a second side opposite from each other;

a plurality of first electrodes disposed in an effective region on the first substrate;

a second electrode acting as a common electrode for the plurality of first electrodes;

a plurality of electro-optical elements, each being disposed between the second electrode and the corresponding first electrodes;

first wiring lines to apply power-supply voltages to the first electrodes; and

a second wiring line, connected to the second electrode, lying between the effective region and at least one of a plurality of sides of the substrate, an area of the second wiring line disposed on the substrate being larger than a total area of parts of the first wiring lines, the parts being disposed outside the effective region on the substrate, at least a part of the second wiring line being disposed between the effective region and the first side of the first substrate;

a second substrate provided at the second side of the first substrate opposite from the first side of the first substrate; and

a control integrated circuit mounted on the second substrate, the control integrated circuit including a luminescent power-supply circuit electrically connected to the first wiring lines.

2. (Previously Presented) The electro-optical device according to Claim 1, the second wiring line having a portion that has a width larger than each width of each of the first wiring lines.

3. (Previously Presented) The electro-optical device according to Claim 1, a width of the entire second wiring line being larger than each width of each of the first wiring lines.

4. (Previously Presented) The electro-optical device according to Claim 1, each of the plurality of electro-optical elements being placed between the second electrode and the corresponding first electrodes, and each including corresponding light-emitting layers that emit light when currents are applied between the second electrode and the corresponding first electrodes,

the plurality of electro-optical elements including a plurality of types of elements classified depending on the color of light emitted from the light-emitting layers, and the first wiring lines being arranged depending on the color of emitted light.

5. (Previously Presented) The electro-optical device according to Claim 4, a width of the second wiring line disposed outside the effective region being larger than a width of part of one of the first wiring lines arranged depending on the type of the electro-optical elements, the part being disposed outside the effective region, the one being the widest of the first wiring lines.

6. (Currently Amended) The electro-optical device according to Claim 1, the first substrate having a dummy region disposed between the effective region and at least one of a plurality of sides of the first substrate, and

the first wiring lines and the second wiring line being arranged between the dummy region and at least one of a plurality of sides of the first substrate.

7. (Previously Presented) The electro-optical device according to Claim 6, the second electrode covering at least the effective region and the dummy region.

8. (Currently Amended) The electro-optical device according to Claim 7, a connection between the second wiring line and the second electrode lying between the effective region and at least three of a plurality of sides of the first substrate.

9. (Currently Amended) The electro-optical device according to Claim 1, each of the plurality of first electrodes being included in corresponding pixel electrodes arranged in the effective region, and each including a plurality of control lines to transmit signals to control the pixel electrodes, and

a plurality of the control lines being arranged such that each control line and at least one of the first wiring lines and the second wiring line do not cross on the first substrate.

10. (Previously Presented) The electro-optical device according to Claim 9, the control lines each including corresponding scanning lines to transmit scanning signals to the corresponding pixel electrodes, and also each including corresponding data lines to transmit data signals to the corresponding pixel electrodes.

11. (Previously Presented) The electro-optical device according to Claim 1, the electro-optical elements each including corresponding hole injection/transport layers and corresponding light-emitting layers containing an organic electroluminescent material, each hole injection/transport layer and light-emitting layer being stacked.

12. (Previously Presented) An electronic apparatus, comprising:
the electro-optical device according to Claim 1.

13. (Currently Amended) A wiring substrate for electro-optical devices that each include electro-optical elements that are each disposed between a plurality of corresponding first electrodes and a second electrode acting as a common electrode for the first electrodes, the wiring substrate comprising:

a first substrate; substrate having a first side and a second side opposite from each other, the second side being for mounting a second substrate;

a plurality of first electrodes disposed on the first substrate;

first wiring lines to apply power-supply voltages to the first

electrodes; electrodes and being for being electrically connected to a luminescent power-supply circuit of a control integrated circuit mounted on the second substrate; and

a second wiring line connected to the second electrode;

~~the second electrode being disposed outside an effective region having the first electrodes therein, and the area of the second wiring line disposed on the substrate being larger than the total area of parts of the first wiring lines, the parts being disposed outside the effective region on the substrate, at least a part of the second wiring line being disposed between an effective region having the first electrodes therein and the first side of the first substrate.~~

14. (New) An electro-optical device, comprising:

a first substrate having a first side and a second side opposite from each other, the second side being for mounting a second substrate;

a plurality of the first electrodes disposed in an effective region on the first substrate;

a second electrode acting as a common electrode for the plurality of first electrodes;

a plurality of electro-optical elements, each being disposed between the second electrode and the corresponding first electrodes;

first wiring lines to apply power-supply voltages to the first electrodes and being for being electrically connected to a luminescent power-supply circuit of a control integrated circuit mounted on the second substrate; and

a second wiring line connected to the electrode, at least a part of the second wiring line being disposed between the effective region and the first side of the first substrate.

15. (New) A light-emitting device, comprising:

a first electrode group region in which a plurality of first electrodes and transistors connected to each of the plurality of first electrodes are arranged on a substrate;

a second electrode that is arranged in common with respect to the plurality of first electrodes;

a light-emitting element that is arranged between each of the plurality of first electrodes and the second electrode;

a driving circuit that is arranged outside of the first electrode region and supplies an electrical signal to the transistors;

first wiring lines that supply a power-source voltage to the first electrodes via the transistors; and

a second wiring line connected to the second electrode, .

wherein the second wiring line extends along a plurality of sides forming an outer circumference of the substrate and is provided with a portion arranged between the outer circumference of the substrate and the driving circuit.

16. (New) The light-emitting device as set forth in claim 1,

wherein the first wiring line extends along a plurality of sides forming the outer circumference of the first substrate and is provided with a portion arranged between the second wiring line and the driving circuit.

17. (New) The light-emitting device as set forth in claim 1,

wherein the second wiring line extends along at least three sides of the plurality of sides forming the outer circumference of the first substrate.

18. (New) The light-emitting device as set forth in claim 1,

wherein the line width of the second wiring line is formed wider than the line width of the first wiring line.

19. (New) The light-emitting device as set forth in claim 1,
wherein each of the plurality of light-emitting elements is arranged between corresponding first electrodes of the plurality of first electrodes and the second electrode and is provided with a light-emitting layer that emits light as a voltage is applied between the corresponding first electrodes and the second electrode;
the plurality of light-emitting elements include a plurality of types of light-emitting elements in which light-emitting colors of the light-emitting layers are different; and the first wiring lines are wired for each light-emitting color.

20. (New) The light-emitting device as set forth in claim 1, further comprising:
a plurality of control lines that transmit the electrical signal to the transistors,
wherein the plurality of control lines are arranged so that they do not cross at least one of the first wiring line and the second wiring line at least on the first substrate.